



Inventor: Evelyn Waters Parker
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Address: 187 Pine Branch Drive
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Title: A Laptop DrawerDrop

SPECIFICATION

The Laptop DrawerDrop is a 1/4" - 1/2" thick x 13" long x 16" deep flat topped rectangular surface. On the underside is a 1" deep 13" long x 1/4" thick strip 12-1/2" molded or mounted depending on whether item is of polymer, leather covered polymer or wood construction. When a desk drawer is opened the "DrawerDrop" is dropped onto that opening and the protruding strip and thumbscrew on the opposite side of the platform will prevent horizontal slipping. The 13" length provides sufficient surface to extend under the overlap of almost any manufactured office desk top thereby preventing vertical flipping. This item provides a convenient, temporary, space efficient surface for a laptop computer while leaving the desk surface free.

TITLE OF INVENTION

A Laptop DrawerDrop

CROSS-REFERENCE TO RELATED APPLICATIONS

Not Applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not Applicable

REFERENCE TO SEQUENCE A LISTING, A TABLE, OR A COMPUTER PROGRAM LISTING COMPACT DISK APPENDIX

Not Applicable

BACKGROUND OF THE INVENTION

This invention is an endeavor to provide a non-technical laptop computer accessory that will not take up the work space on top of a desk. The twist of a thumbscrew attaches it to the desk. The Drawe Drop can be put in place or removed quickly.

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BRIEF SUMMARY OF THE INVENTION

This invention will provide a space saving temporary but sturdy work surface for laptop computers that stores easily, is removed or placed quickly, and provides a workspace option for left-handed or right-handed people while it leaves desk top work space free.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING

- Figure 1A : 45° angle drawing of the Laptop DrawerDrop
Figure 2A: Overhead view of the Laptop DrawerDrop (--- depicts under the desk edge) in place
Figure 3A: 90° view of the Laptop DrawerDrop in place on the desk
Figure 4A: Side view depicts protrusion of invention under the manufactured desk top
Figure 5A: Outside view showing thumbscrew in center of unit

DETAILED DESCRIPTION OF THE INVENTION

This invention is designed to fit securely over the top of an opened desk drawer in order to provide the option of placing a laptop computer on the left or the right side of the user and off of the actual desk top workspace. It takes up no floor space. If access to the drawer becomes necessary the Laptop DrawerDrop is simply lifted up and set back down. There is no assembly required. It is a reasonable efficient solution to the problem of space saving.

Figure 1A: This invention is a 13" x 16" x 1/4" flat rectangular top. The outside of a stationary strip is 1-3/4" from the 13" platform edge and allows room to open the center desk drawer. The strip runs parallel to the 13" edge of the platform and perpendicular to the 16" side of the platform.

Figure 2A: This overhead drawing demonstrates that the invention takes up no more floor space than an open drawer. The --- demonstrates that since the edge of the invention is actually under the desktop the invention cannot flip out.

Figure 3A: This drawing shows the correct placement of the invention on the drawer.

Figure 4A: Depicts a full side view of the invention tucked safely under the existing desk top yet

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DETAILED DESCRIPTION OF THE INVENTION (CONTINUED)

allowing full access to the laptop computer.

Figure 5A: Shows an outside view to see track and adjustable thumbscrew in center of 13" outer edge of DrawerDrop platform.

If selected material is wood the invention can be made by cutting one 13" x 16" rectangle from a piece of 1/4" thick wood. Next cut one 13" x 1" strip from 1/4" thick wood. Attach that strip 1-3/4" from outside 13" edge. 4" from the outside 13" edge route out a 1/8" T track from the bottom of the platform piece, insert a t-based thumbscrew into the track. The thumbscrew allows 4" of adjustment for varied drawer widths.

If selected material is solidifying gel, rubber, or a polymer material or metal that can be molded a plaster mold could be made of a completed wooden prototype.

From that a pouring mold could be constructed of the entire unit as a one solid piece item excluding the thumbscrew.